

PENDING CLAIMS

1. (original) A feed composition comprising soy meal, wherein the soy meal is no more than about 20 weight percent (wt. %) of the feed composition and has a soy isoflavone content that provides the feed composition with a soy isoflavone concentration, normalized to aglycone content, of about 250-1400 parts per million on a weight basis (ppm).
2. (original) The feed composition of claim 1 wherein the soy isoflavone concentration is at least about 500 ppm.
3. (original) The feed composition of claim 1 wherein the soy isoflavone concentration is no greater than about 1200 ppm.
4. (original) The feed composition of claim 1 wherein the soy isoflavone concentration is about 800-1200 ppm.
5. (original) The feed composition of claim 1 wherein the soy meal comprises no more than about 10 wt. % of the feed composition.
6. (original) The feed composition of claim 1 wherein the soy isoflavones include genistein, daidzin, and glycitein.
7. (original) The feed composition of claim 1 wherein the soy meal includes soy germ meal and whole soybean meal.
8. (original) The feed composition of claim 1 wherein the soy meal includes about 35-80 wt. % soy germ meal and a remaining portion of whole soybean meal.

9. (original) The feed composition of claim 1 wherein the soy meal includes about 40-60 wt.% soy germ meal and a remaining portion of whole soybean meal.
10. (original) The feed composition of claim 1 wherein the soy isoflavone concentration is about 800-1200 ppm and the soy meal includes about 35-80 wt.% soy germ meal and a remaining portion of whole soybean meal.
11. (original) The feed composition of claim 1 wherein the soy isoflavones are a natural component of the soy meal.
12. (original) The feed composition of claim 1 wherein the feed composition is substantially free from soy isoflavone extract.
13. (original) A feed composition for domestic mammals comprising soy meal and a non-soy fraction, wherein
 - (a) the soy meal is no more than about 20 weight percent (wt.%) of the feed composition and has a soy isoflavone content that provides the feed composition with a soy isoflavone concentration, normalized to aglycone content, of about 500-1400 parts per million on a weight basis (ppm); and
 - (b) the non-soy fraction comprises at least one component selected from a group consisting of meat and bone meal, blood meal, poultry byproduct meal, tallow, wheat middlings, roughage products, oat groats, alfalfa meal, bakery by-products, brewers dried grains, distillers dried grains and solubles, citrus pulp, beet pulp, corn gluten feed, corn gluten meal, cottonseed meal, fish meal, hominy feed, kelp meal, linseed meal, sunflower meal, canola and rapeseed meal, and rice bran.

14. (original) The feed composition of claim 13 wherein the soy isoflavone concentration is at least about 800 ppm.
15. (original) The feed composition of claim 13 wherein the soy isoflavone concentration is no greater than about 1200 ppm.
16. (original) The feed composition of claim 13 wherein the soy isoflavone concentration is about 800-1200 ppm.
17. (original) The feed composition of claim 13 wherein the soy meal comprises no more than about 10 wt.% of the feed composition.
18. (original) The feed composition of claim 13 wherein the soy isoflavones include genistein, diadzein, and glycitein.
19. (original) The feed composition of claim 13 wherein the soy meal includes soy germ meal and whole soybean meal.
20. (original) The feed composition of claim 13 wherein the soy meal includes about 35-80 wt.% soy germ meal and a remaining portion of whole soybean meal.
21. (original) The feed composition of claim 13 wherein the soy meal includes about 40-60 wt.% soy germ meal and a remaining portion of whole soybean meal.
22. (original) The feed composition of claim 13 wherein the soy isoflavone concentration is about 800-1200 ppm and the soy meal includes about 35-80 wt.% soy germ meal and a remaining portion of whole soybean meal.
23. (original) The feed composition of claim 13 wherein the soy isoflavones are a natural component of the soy meal.

24. (original) The feed composition of claim 13 wherein the feed composition is substantially free from soy isoflavone extract.

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